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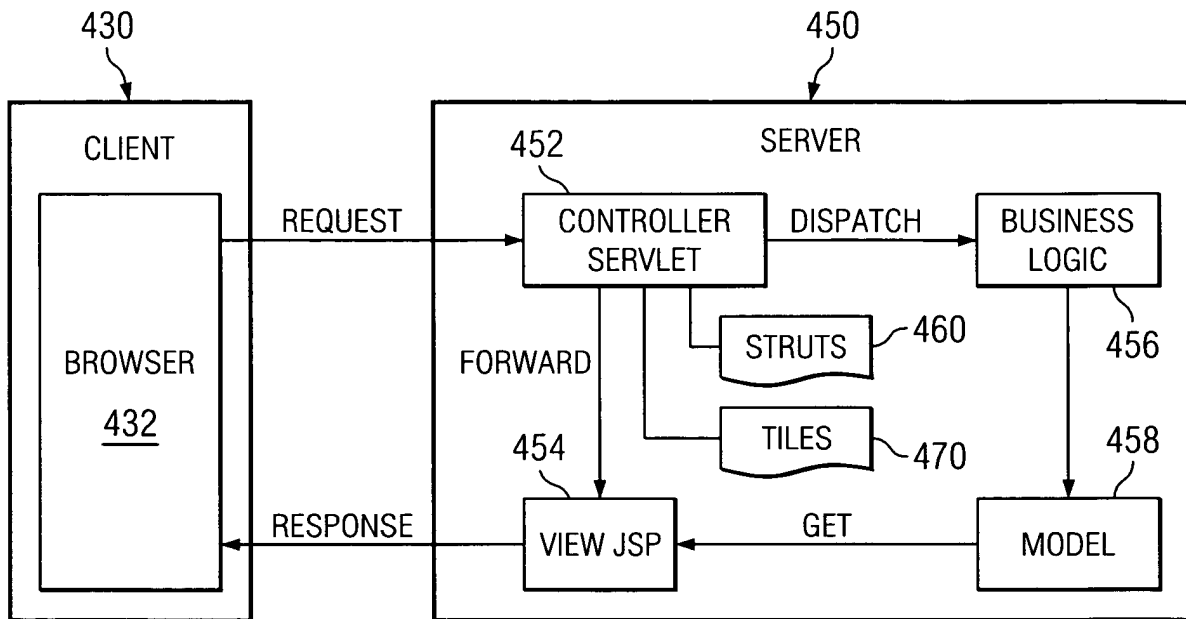


FIG. 4B

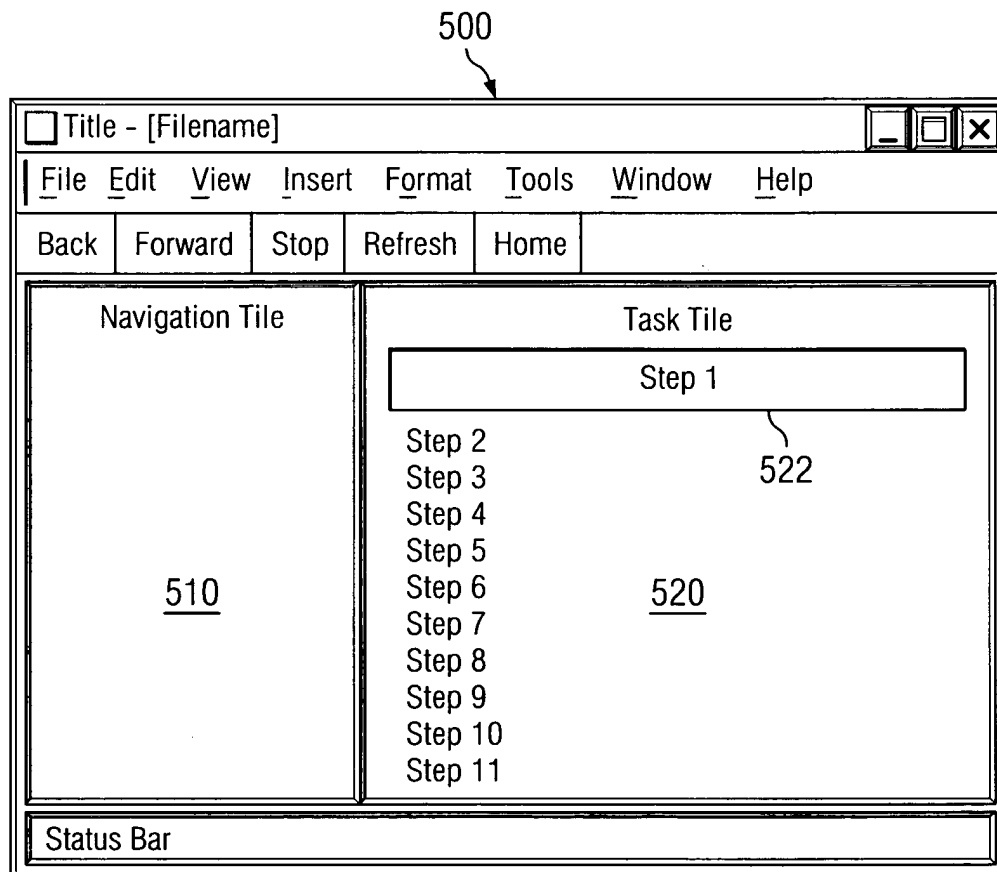


FIG. 5

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The screenshot shows a web-based administrative console for an Application Server. The main window has a title bar, a menu bar (File, Edit, View, Insert, Format, Tools, Window, Help), and a navigation bar (Back, Forward, Stop, Refresh, Home). The main content area is titled 'Application Server ADMINISTRATIVE CONSOLE' and includes a sub-navigation bar (Home, Save, Preferences, Logout, Help). On the left, a tree view shows the hierarchy: User ID: user1, Network, Server, Applications, Enterprise Applications, Install New Application (selected), Resources, Security, Environment, System Administration, and Troubleshooting. The right pane displays the 'Install New Application' dialog box, which is titled 'Install New Application' and has a subtitle 'Allows Installation of Enterprise Applications and Module'. The dialog box contains a list of steps for installation, with Step 1 being the current step. Step 1 is 'Provide options to perform the installation' and includes a text area for 'Specify the various options available to prepare and install your application'. Below this, there are several options with checkboxes: 'AppDeployment Options' (checked), 'Pre-compile JSP' (unchecked), 'Directory to Install Application' (text field), 'Distribute Application' (checked), 'Use Binary Configuration' (unchecked), 'Deploy EJBs' (checked), 'Application name' (text field with 'BluePrints_Petstore'), 'Create MBeans for Resources' (checked), 'Enable Class Reloading' (unchecked), and 'Reload Interfal' (text field). At the bottom of the dialog box are 'Next' and 'Cancel' buttons. The dialog box also has a list of steps 2 through 9, which are: 'Provide options to perform the EJB Deploy', 'Provide JNDI Names for Beans', 'Provide default datasource mapping for modules co', 'Map datasources for all 2.0 CMP beans', 'Map EJB references to beans', 'Map resource references to resources', 'Map resource env entry references to resources', and 'Map virtual hosts for web modules'. The status bar at the bottom of the console shows 'Status Bar'.

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Title - [Filename]

File Edit View Insert Format Tools Window Help

Back Forward Stop Refresh Home

Application Server ADMINISTRATIVE CONSOLE

Home Save Preferences Logout Help

User ID: user1

Network

Server

Applications

Enterprise Applications

Install New Application

Resources

Security

Environment

System Administration

Troubleshooting

Install New Application

Allows Installation of Enterprise Applications and Module

Step 1: Provide options to perform the installation

Specify the various options available to prepare and install your application

AppDeployment Options Enable

Pre-compile JSP

Directory to Install Application

Distribute Application

Use Binary Configuration

Deploy EJBs

Application name BluePrints_Petstore

Create MBeans for Resources

Enable Class Reloading

Reload Interfal

Next Cancel

Step 2 Provide options to perform the EJB Deploy

Step 3 Provide JNDI Names for Beans

Step 4 Provide default datasource mapping for modules co

Step 5 Map datasources for all 2.0 CMP beans

Step 6 Map EJB references to beans

Step 7 Map resource references to resources

Step 8 Map resource env entry references to resources

Step 9 Map virtual hosts for web modules

Status Bar

FIG. 6A

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□ Title - [Filename]

| File Edit View Insert Format Tools Window Help

| Back | Forward | Stop | Refresh | Home |

Application Server ADMINISTRATIVE CONSOLE

| Home | Save | Preferences | Logout | Help |

User ID: user1

Network

⊕ Server

⊖ Applications

Enterprise Applications

Install New Application

⊕ Resources

⊕ Security

⊕ Environment

⊕ System Administration

⊕ Troubleshooting

Step 4 Provide default datasource mapping for modules co

Step 5 Map datasources for all 2.0 CMP beans

Step 6 Map resource references to resources

Each resource reference defined in your application must be

javax.jms.QueueConnectionFactory

Specify existing Resource JNDI name: select... ▼ Apply

<input type="checkbox"/> Module	EJB	URI
<input type="checkbox"/> AsyncSender	AsyncSender	asyncSenderEjb.jar,META-

javax.sql.DataSource

Specify existing Resource JNDI name: select... ▼ Apply

<input type="checkbox"/> Module	EJB	URI
<input type="checkbox"/> Catalog Component	TheCatalog	catalogEjb.jar,
<input type="checkbox"/> BluePrints Petstore Web Tier		petstore.war,W

Previous Next Cancel 652

Step 7 Map resource references to resources

Step 8 Map resource env entry references to resources

* Step 9 Map virtual hosts for web modules

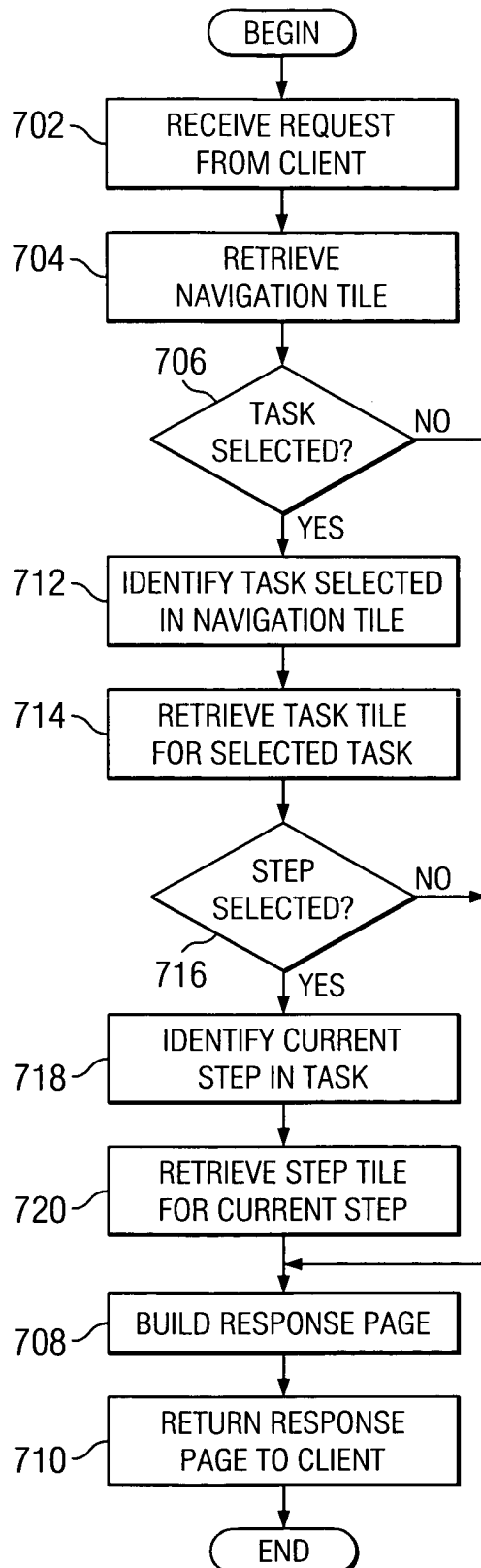
Step 10 Ensure all protected 2.0 methods have the correct

Step 11 Summary

Status Bar

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FIG. 6B

*FIG. 7*